
AWIPS APPLICATION INSTALLATION INSTRUCTION NOTE 8

(for Electronics Systems Analyst, Information Technology Officers, & AWIPS Focal Points)
Maintenance, Logistics, and Acquisition Division

W/OPS12: JCS

SUBJECT: AvnFPS 2.1 Installation Instructions

PURPOSE: To issue AvnFPS 2.1 software installation instructions.

PRE-INSTALLATION REQUIREMENTS: AvnFPS 2.0 must be installed on your AWIPS system.

EFFECTIVITY: All CONUS and OCONUS AWIPS WFO sites must install AvnFPS 2.1 release.

ESTIMATED TIME REQUIRED: Approximately 5 - 10 minutes.

EFFECT ON OTHER INSTRUCTIONS: None.

AUTHORIZATION: The authority for this modification note is Request for Change AC092.

VERIFICATION STATEMENT: The AvnFPS 2.1 installation procedures were tested and verified on OS&T's NMTW test platform in Silver Spring, MD.

SECURITY LEVEL: root

TECHNICAL SUPPORT: For questions/problems related to the installation of this release, please contact:
Carl McCalla at (301) 713-1065 x169
Iris Boon at (301) 713-1613 x162
Mark Oberfield at (301) 713-0056 x192

For operational technical support related to this release, please contact the NCF at (301) 713-9344.

GENERAL

The AvnFPS 2.1 installation upgrade kit includes four files pushed to each site's DS1 /data/local/avnfps directory labeled:

installAVNFPS2.1.sh (dated April 14)
AVNFPS2.1.OB2.tar.gz (dated April 14)
AVNFPS2.1.OB3.tar.gz (dated April 14)
upgradeAVNFPS2.1.OB3.sh (dated March 23)

NOTE: Refer to the following Web address for AvnFPS 2.1 installation instructions and other related material:

<http://www.nws.noaa.gov/mdl/icwf/AVNFPS2.1/AvnFPS2.1.html>

Since AvnFPS 2.1 is a maintenance upgrade to AvnFPS 2.0, refer to the AvnFPS 2.0 web address for release notes, user's guide, and other documentation.

<http://www.nws.noaa.gov/mdl/icwf/AVNFPS2.0/AvnFPS2.0.html>

AvnFPS 2.1 Delivered Functionality

SPR 5882: Erroneous reporting of crosswind violation with VRB winds in METAR
SPR 5884: Unable to view watch rules
SPR 5897: Should be able to restart AvnFPS immediately after a configuration change
SPR 5898: Adjustable delay before processing METARs
SPR 5919: SFC WND cannot appear as a remark in TWEBs
SPR 5920: TWEB QC CB troubles
SPR 5922: Cannot make first sentence of TAF when METAR reports SKC
SPR 5980: T QC generates an exception on malformed SFC WND group
SPR 5989: Erroneous alerts from MOS lightning monitor
SPR 5990: Erroneous alerts from lightning monitor

Description of delivered functionality can be retrieved from:

<http://www.nws.noaa.gov/mdl/icwf/AVNFPS2.1/AvnFPS2.1.html#WhatsFixed>

General Pre-Installation and Installation Guidelines

- MDL upgrade support is available from 8 a.m. to 4:30 p.m. EST, Monday through Thursday.
- OCONUS sites attempting to perform the installation outside the set support hours, must receive prior authorization from the MDL site support team. Sites requesting after hour installation support should coordinate through their AWIPS regional focal point. If the MDL team support is not notified ahead of time, they will assume a scheduled OCONUS site will follow the set support hours.
- All AvnFPS 2.1 upgrades must be completed by June 10, 2004.

REPORTING INSTRUCTIONS:

Report the completed modification using the Engineering Management Reporting System (EMRS) according to the instructions in NWS Instruction 30-2104, Maintenance Documentation, Part 4, Appendix F. Include the following information on the EMRS Report:

Block #	Block Type	Information
5	Description	Install AvnFPS 2.1
7	Equipment Code	AWIPS
8	Serial Number	001
15	Comments	Downloaded and installed AvnFPS version 2.1 I.A.W. AWIPS Application Installation Instruction Note 8
17a	Mod. No.	AS8

A sample EMRS report is provided as attachment A.

Mark S. Paese
Director, Maintenance, Logistics, and Acquisition Division

Attachment A – Sample EMRS Report

Attachment A - Sample EMRS Report

A26 Detail Form - ESCM2, SILVER SPRING, MD :: JOHN MERHI - Microsoft Internet Explorer

New A26 Commit A26 Place on Hold Cgpy A26 Delete A26 Detail Report Document Summary Help

GENERAL INFORMATION

NEW RECORD WFO* TBW Document No.* TBW40506003

1. Open Date 05/06/2004 Open Time 08:00 2. Op Initials WSH 3. Response Priority
☐ Immediate ☐ Low
☐ Routine ☒ Not Applicable 4. Close Date 05/06/2004 Close Time 08:30

5. Maintenance Description 482 characters left AWIPS
 Install AvnFPS 2.1

EQUIPMENT INFORMATION

6. Station ID* TBW 7. Equipment Code AWIPS 8. Serial Number 001 9. TM M 10. AT M 11. How Mal 999

Alert: Time Remaining: (For Block 12 use only)

13. PARTS USAGE and CONFIGURATION MANAGEMENT REPORTING

ASN	Vendor Part No. (New Part)	Serial Number (Old Part)	Serial Number (New Part)	
				New Row
				Delete Row

14. WORKLOAD INFORMATION

a. Routine		b. Non-Routine		c. Travel		d. Misc		e. Overtime	
Hours	Minutes	Hours	Minutes	Hours	Minutes	Hours	Minutes	Hours	Minutes
							30		

MISCELLANEOUS INFORMATION

15. Maintenance Comments 673 characters left
 Installed AvnFPS 2.1 I.A.W. AWIPS Application Installation Instruction Note 8

16. Tech Initials GAF

17. SPECIAL PURPOSE REPORTING INFORMATION

a. Mod No.	b. Mod Act/Deact Date	c. Block C	d. Trouble Ticket No.	e. Block E
AS8	05/06/2004			

Commit A26 Place on Hold Cgpy A26 New A26 Cancel

Done Internet